

WIRING COLOR CODE FOR #14/16  
SIGNAL CABLE FOR SIGNAL HEADS

WIRING COLOR CODE FOR #14/9 TCC

SCALE : NTS

MAIN STREET SIGNALS

WIRE COLORS

SOLID RED  
SOLID ORANGE  
SOLID GREEN  
SOLID WHITE

SIGNAL INDICATION

RED  
YELLOW  
GREEN  
NEUTRAL

SIDE STREET SIGNALS

WIRE COLORS

BLACK TRACER/RED  
BLACK TRACER/ORANGE  
BLACK TRACER/GREEN  
BLACK TRACER/WHITE

SIGNAL INDICATION

RED  
YELLOW  
GREEN  
NEUTRAL

NON-PERMISSIVE  
LEFT TURN SIGNALS

MAIN STREET  
WIRE COLORS

WHITE TRACER/RED  
WHITE TRACER/BLACK  
WHITE TRACER/GREEN  
WHITE TRACER/BLUE

SIDE STREET  
WIRE COLORS

BLACK/RED TRACER  
SOLID BLACK  
SOLID BLUE  
BLUE/BLACK TRACER

SIGNAL INDICATION

RED  
YELLOW  
GREEN  
NEUTRAL

5-SECTION  
SIGNAL ARROWS

MAIN STREET  
WIRE COLORS

SOLID BLACK  
SOLID BLUE

SIDE STREET  
WIRE COLORS

BLACK/RED TRACER  
BLUE/BLACK TRACER

SIGNAL INDICATION

YELLOW ARROW  
GREEN ARROW

MAST ARM:

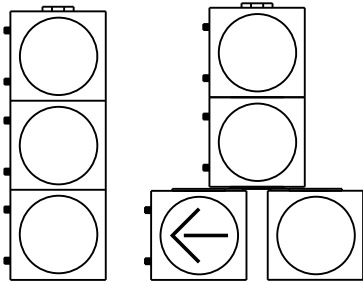
MAIN STREET

WIRE COLORS

SOLID RED  
SOLID ORANGE  
SOLID GREEN  
SOLID WHITE

SIGNAL  
INDICATION

RED  
YELLOW  
GREEN  
NEUTRAL



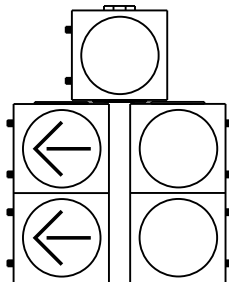
MAIN STREET  
PERMISSIVE LEFT

WIRE COLORS

SOLID BLACK  
SOLID BLUE  
SOLID WHITE

SIGNAL  
INDICATION

YELLOW ARROW  
GREEN ARROW  
NEUTRAL



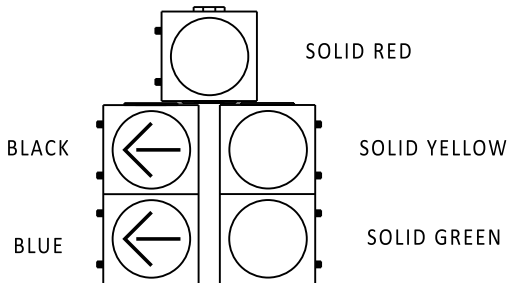
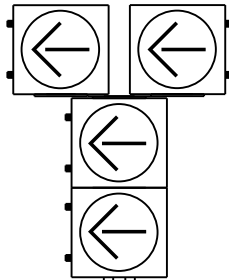
MAIN STREET  
FLASHING TOP "T"

WIRE COLORS

BLACK/RED TRACER  
SOLID WHITE

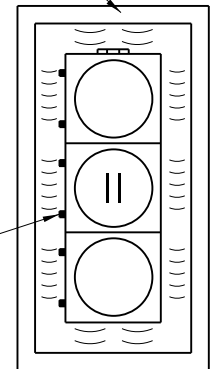
SIGNAL  
INDICATION

RED ARROW  
NEUTRAL



2" REFLECTIVE  
YELLOW STRIP

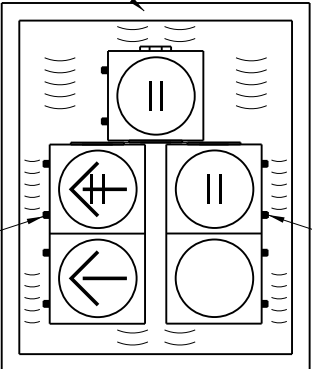
HINGE



ONE-WAY  
THREE - SECTION  
12" SIGNAL HEADS

2" REFLECTIVE  
YELLOW STRIP

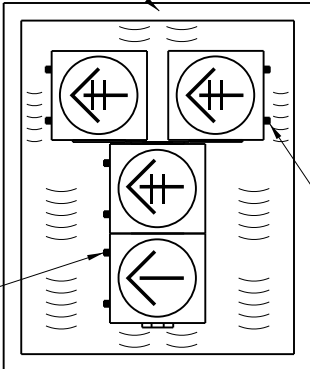
HINGE



ONE-WAY FIVE-SECTION  
12" SIGNAL HEADS

2" REFLECTIVE  
YELLOW STRIP

HINGE



ONE-WAY  
FOUR - SECTION  
12" SIGNAL HEADS

NOTES

- 1). HEAD CABLE SHALL BE MARKED WITH THE COLOR DESIGNATED FOR EACH DIRECTION OF TRAVEL. RED/NORTH, YELLOW/SOUTH, GREEN/EAST, BLUE/WEST.
- 2). SIDE STREET SIGNAL HEADS SHALL BE SPLICED INTO THE BLACK TRACER WIRES INSTEAD OF SOLID COLOR WIRES.
- 3). ALL SIGNAL HEADS INSTALLED ON MAST ARMS SHALL HAVE OWN SIGNAL CABLE AND SHALL BE SPLICED AT THE BASE.
- 4). ALL INSTALLATIONS SHALL CONTAIN ONE SPLICE PER SIGNAL HEAD.
- 5). ALL BOLTS SHALL BE STAINLESS STEEL.
- 6). ALL BACKPLATES SHALL BE POWDER-COATED ALUMINUM.
- 7). ALL BACKPLATES SHALL BE OUTLINED WITH A 2" REFLECTIVE YELLOW STRIP.

LEGEND:

|| LOCATION OF TERMINAL BLOCK



Andrew Shott  
ENGINEERING SUPPORT

12/13/2022  
DATE

RECOMMENDED

WIRING INSTALLATION TYPICALS - WIRING COLOR CODES

STANDARD NO. T-9 (2022)

SHT. 4 OF 4

REVIEWED

DEPUTY DIRECTOR - DESIGN

12/16/2022  
DATE

APPROVED

CHIEF ENGINEER

12/21/2022  
DATE

12/13/2022